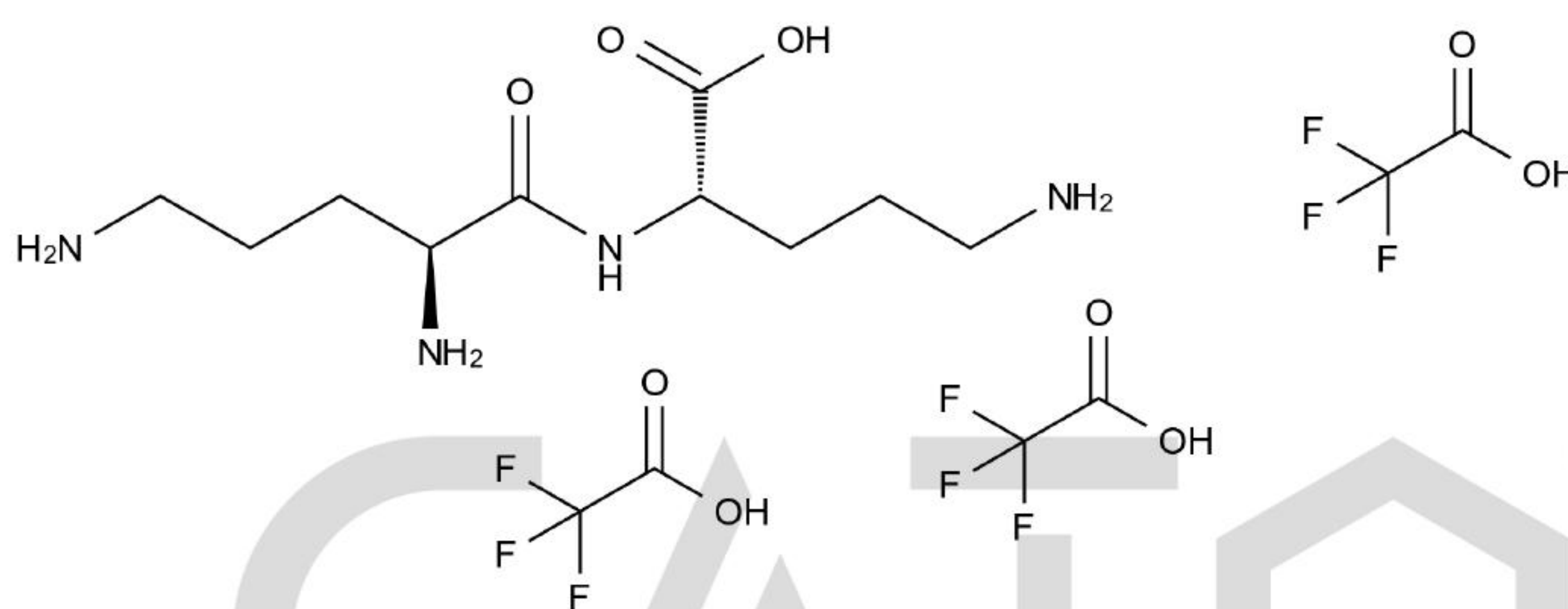


Certificate of Analysis

Reference Material & Standard

Product Name:	L-Ornithine L-Aspartate Impurity 2 3TFA	Catalogue Number:	C4X-25362
Synonyms:	(2S)-5-amino-2-[[[(2S)-2,5-diaminopentanoyl]amino]pentanoic acid	Lot Number:	0723-RF-0007
CAS Number:	60259-82-7(free base)	Expiry Date:	Jul 29, 2027
Molecular Formula:	C ₁₀ H ₂₂ N ₄ O ₃ 3*C ₂ H ₃ F ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	246.31 3*114.02	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Sticky Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	ELSD	89.668%
Loss On Drying	TGA	2.2442%
Assay		87.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity ELSD (\%)} / 100\%$

Loss On Drying is considered as absolute effect, ELSD purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Aug 11, 2025

Date: Aug 11, 2025

Date: Aug 11, 2025

